

## CLAIMS

What is claimed is:

1. A method of providing a User Plan location based service to a roaming wireless device, comprising:
  - 5 establishing a roaming interface between a home LCS manager of a home wireless carrier network and a visited LCS manager of a currently visited wireless carrier network;
  - directing IP connectivity over the Internet capable of being transmitted through a firewall in said home wireless carrier network and
  - 10 through a firewall in said visited wireless carrier network; and
  - providing a message tunneling mechanism to provide an uninterrupted communication path between a location service system and a wireless device being located.
- 15 2. The method of providing a User Plan location based service to a roaming wireless device according to claim 1, wherein said roaming wireless device comprises:
  - a mobile telephone.
- 20 3. The method of providing a User Plan location based service to a roaming wireless device according to claim 1, wherein said roaming wireless device comprises:
  - a personal data assistant (PDA) device.
- 25 4. The method of providing a User Plan location based service to a roaming wireless device according to claim 1, wherein said roaming wireless device comprises:
  - a wireless email device.

5. The method of providing a User Plan location based service to a roaming wireless device according to claim 1, wherein said roaming wireless device comprises:

a wireless device including a camera.

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6. Apparatus for providing a User Plan location based service to a roaming wireless device, comprising:

means for establishing a roaming interface between a home LCS manager of a home wireless carrier network and a visited LCS  
10 manager of a currently visited wireless carrier network;

means for directing IP connectivity over the Internet capable of being transmitted through a firewall in said home wireless carrier network and through a firewall in said visited wireless carrier network; and

means for providing a message tunneling mechanism to  
15 provide an uninterrupted communication path between a location service system and a wireless device being located.

7. The apparatus for providing a User Plan location based service to a roaming wireless device according to claim 6, wherein said  
20 roaming wireless device comprises:

a mobile telephone.

8. The apparatus for providing a User Plan location based service to a roaming wireless device according to claim 6, wherein said  
25 roaming wireless device comprises:

a personal data assistant (PDA) device.

9. The apparatus for providing a User Plan location based service to a roaming wireless device according to claim 6, wherein said  
30 roaming wireless device comprises:

a wireless email device.

10. The apparatus for providing a User Plan location based service to a roaming wireless device according to claim 6, wherein said roaming wireless device comprises:

5                   a wireless device including a camera.